



Law Enforcement Information Exchange Governance Board Meeting

Washington-Duke Hotel, Durham NC

Frank Palombo, NCIS LInX Program Manager

Tuesday, February 25, 2014

11:00 am EST





What is LINX?

- A regional approach to the sharing of law enforcement data among participating local, state, and federal law enforcement agencies to reduce crime
- Provides all participants with secure, daily access to cross-jurisdictional law enforcement data:
 - Force multiplier
 - Investigative lead generator
 - Increases agent/officer situational awareness and safety
 - Identifies previously unknown relationships/associates



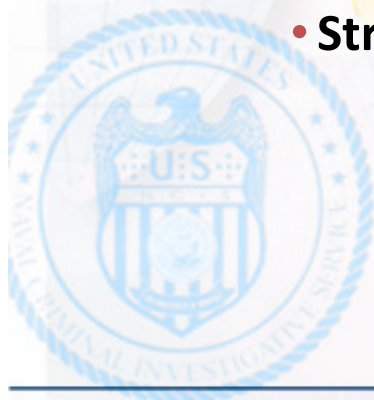
Origins of Program

➤ Problem:

- Local-state-federal sharing of LE data inadequate --
 - Locals often lack context for suspicious events of interest
 - Info-sharing between jurisdictions informal, non-automated

➤ Solution:

- Build LInX regional data warehouses –
 - Automated sharing of local/state/federal data
 - Ability to search, link, and analyze all data
 - Board of Governance oversees each site
 - Strictly limited to Law Enforcement data

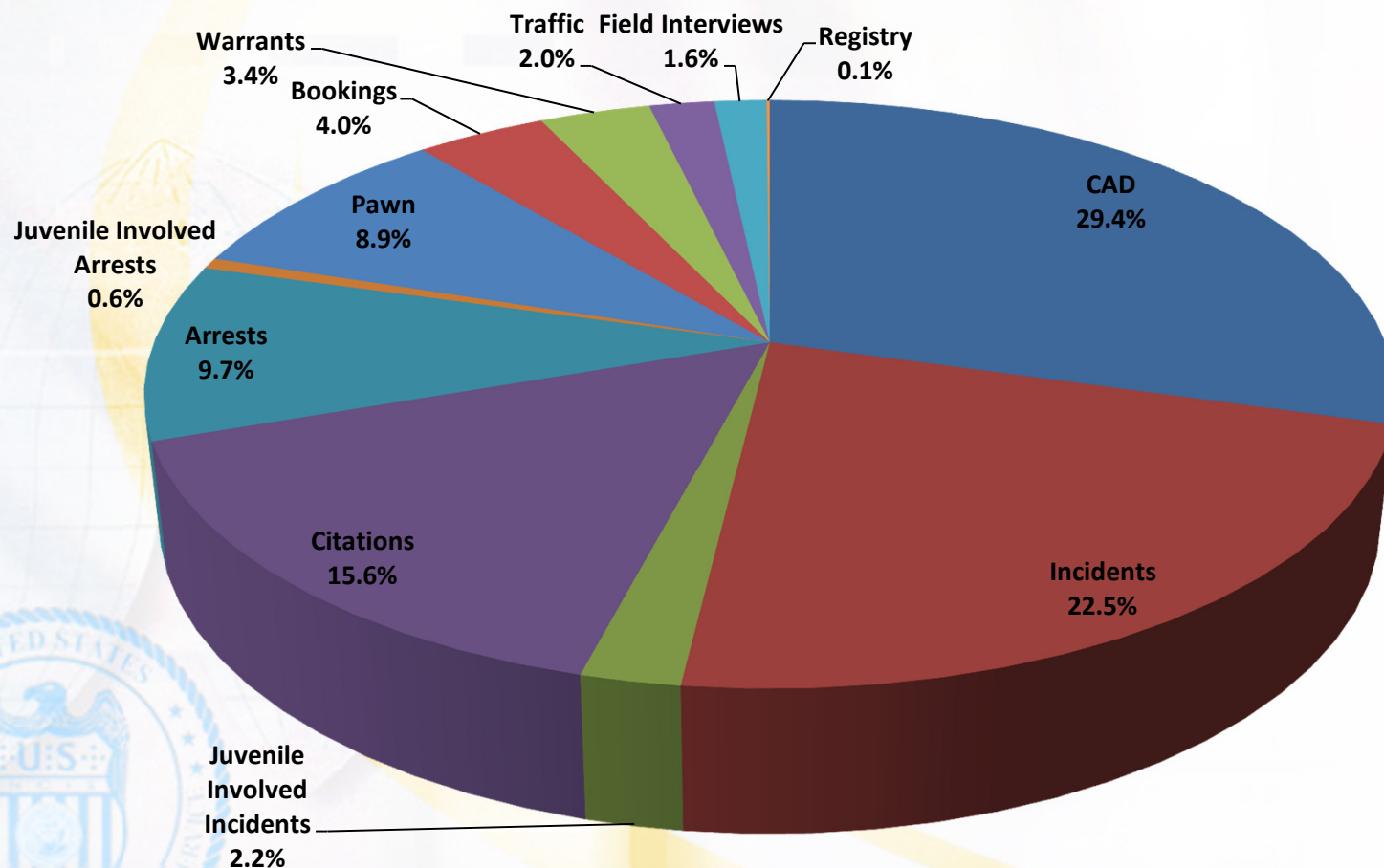




LinX Record Types

- **Records Management Data**
 - Incident Structured Data
 - Incident Narratives/Supplemental Reports
- **Investigative Reports**
- **Field Interviews / Suspicious Incidents**
- **Arrests/Bookings**
- **Mug Shots (includes SMT)**
- **CAD Data/Traffic Stops**
- **Stolen/Recovered Property**
- **Pawn Shop Records/Pawn Tickets**
- **Traffic Crash/Accident Reports**
- **Traffic Summons Data**
- **Offender Registries**
- **Warrants**

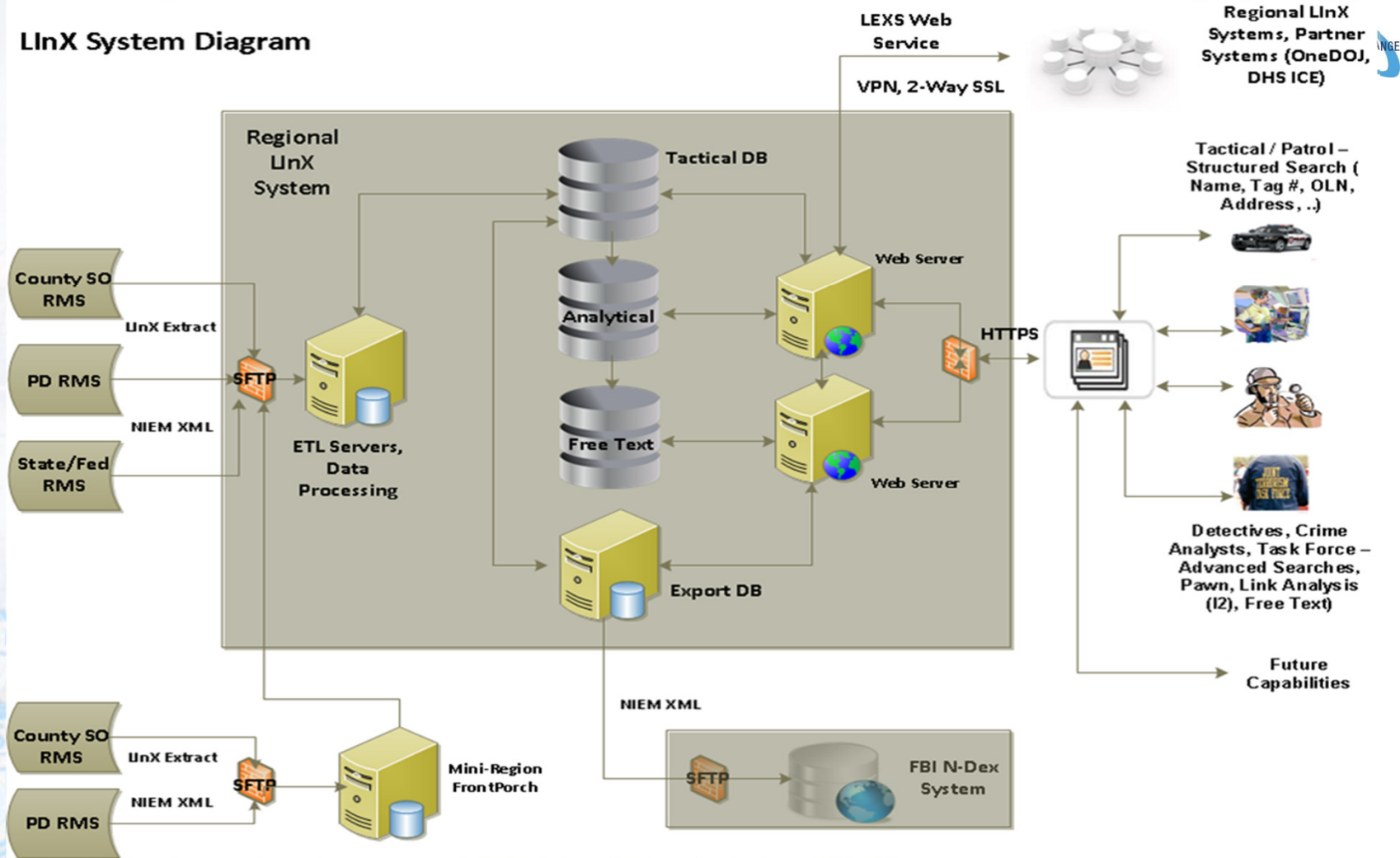
LinX Record Type Percentages



**Over 466
Million
Event
Records**

**Over
46 Million
Mugshots**

LnX System Diagram





NC LInX Progression

2007 - 20 Charter Agencies Established LInX NC; Covered 12.5% of NC Population

2008-2009 - (21) North Carolina Agencies Added; Covered 25% of NC Population

2010 - 1088 LE Agencies Added When LInX to LInX Connection Completed

2011 - (14) North Carolina Agencies Added; Covered 28% of NC Population

2012 - (49) North Carolina Agencies Added Via Web Services Interface To CHARMEC CRISS; Covered 42% of NC Population

2012 - South Carolina Law Enforcement Division (SLED) Added



2013, (7) North Carolina Agencies Added

- Buncombe County Sheriff's Office, Asheville Police Department, Woodfin Police Department, Forsyth County Sheriff's Office, Greensboro Police Department, High Point Police Department, Rocky Mount Police Department
- Completed Oct 31, 2013 **on schedule**

**LInX now covers 65% of NC
Population**





LInX Cost To State of North Carolina To Date



- Initial 20 NC Charter Agencies (2007-NCIS) - \$0
- Additional 21 NC Agencies (2008-2009-NCIS) - \$0
- Additional 14 NC Agencies (2011-FEMA) - \$30K Grant
- Additional 49 CHARMEC NC Agencies (2012-NCDPS) - \$76K
- Additional 241 SLED SC Agencies (2012) - \$0
- Additional 7 NC Agencies (2013-NCDPS) - \$37K
- LInX 2 LInX ~1088 Additional Agencies (NCIS) - \$0
- D-DEx all military LE Agencies (NCIS) - \$0
- N-DEx all Federal LE Agencies + many non-LInX states (NCIS) - \$0
(Pending NC CSO Approval)

Currently 1462 Agencies in LInX System contribute more than 466 million records including nearly 46 million mug shots

LInX Cost To Date To NC - \$113K



Agencies Waiting for Funding



The following agencies have signed MOU's and are using LinX:

Guilford County Sheriff's Office

UNCG Police Department

Edgecombe County Sheriff's Office

Apex Police Department

Duplin County Sheriff's Office

Newport Police Department

Trent Woods Police Department

Funding is needed to map and deliver their data to the LinX warehouse

LInX Statewide Proposal

- NC build out includes County, City, Town, University, and Hospital Law Enforcement Agency data
- Proposal will add an additional 314 agencies over a 3 year period
- Phase 1: 154 agencies with 25 or more officers (18 months)
- Phase 2: 160 agencies with 24 or less officers (18 months)
- Provide new member agencies with access to the entire LInX system (10 other sites plus N-DEx and other Federal Partners)
- Total cost for statewide build out of LInX is estimated at \$3 to \$4 million over a 3 year period (Non-negotiated)



NCIS LInX Consolidation Update



- **Phase I - COMPLETED**
 - Hardware moved to Alexandria, Virginia Police Department
 - Included consolidating NE-LInX (08/2013) and VA-LInX (11/2013)
- **Phase II**
 - Carolinas LInX (completed 01/2014)
 - NW-LInX (02/2014)
- **Phase III (Task Order 17)**
 - National Capitol Region LInX (Summer 2014)
 - Southeast LInX (Fall 2014)
 - Gulf Coast LInX (Fall 2014)
- **Phase IV**
 - Southern California LInX (includes Hawaii LInX & Rio Grande LInX)

Upon completion, NCIS operational costs will be reduced by \$1.5 to \$2 million



UNITED STATES NAVAL CRIMINAL INVESTIGATIVE SERVICE

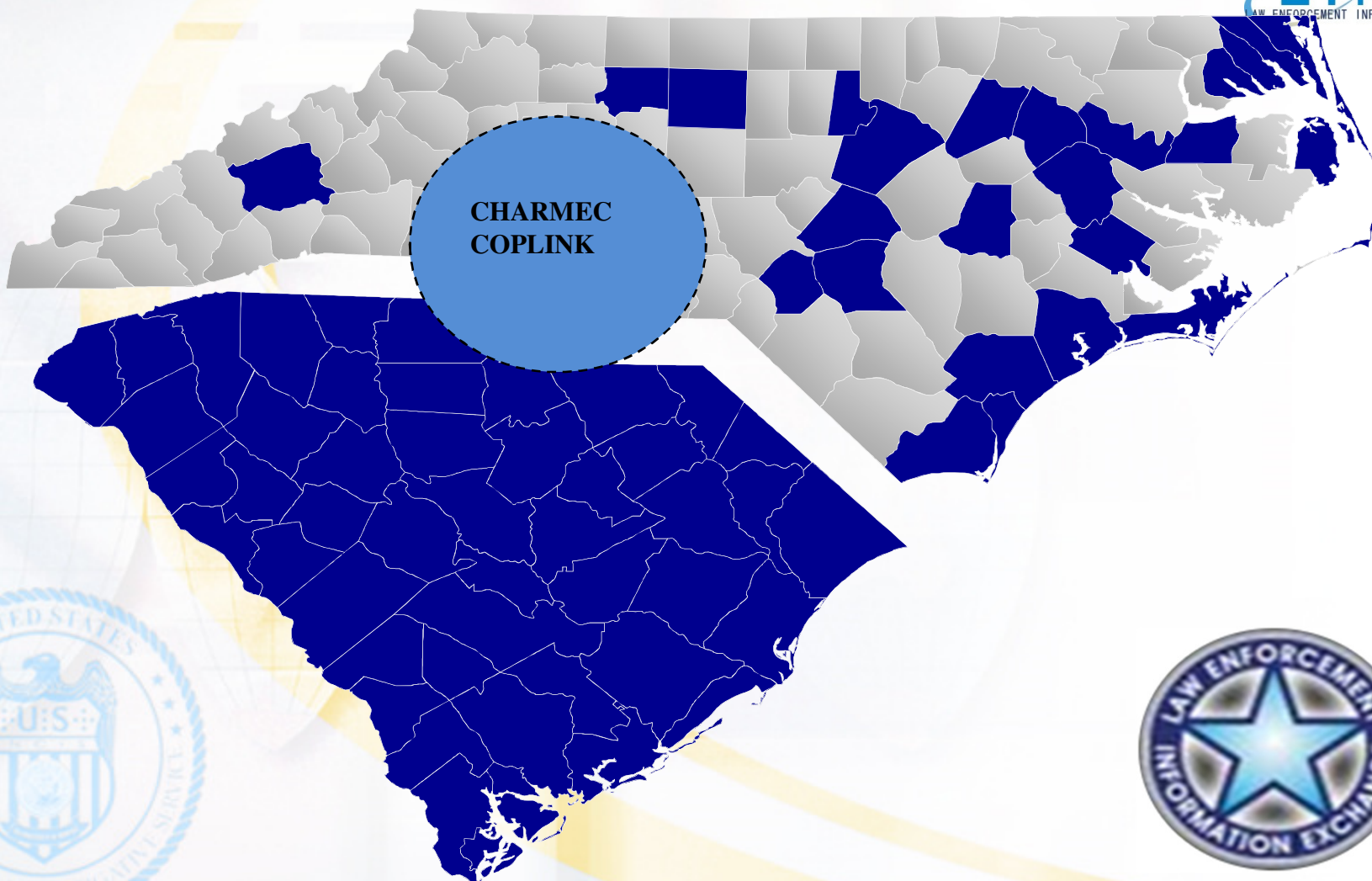
LInX Consolidated Servers, Alexandria VA





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LInX Carolinas Map



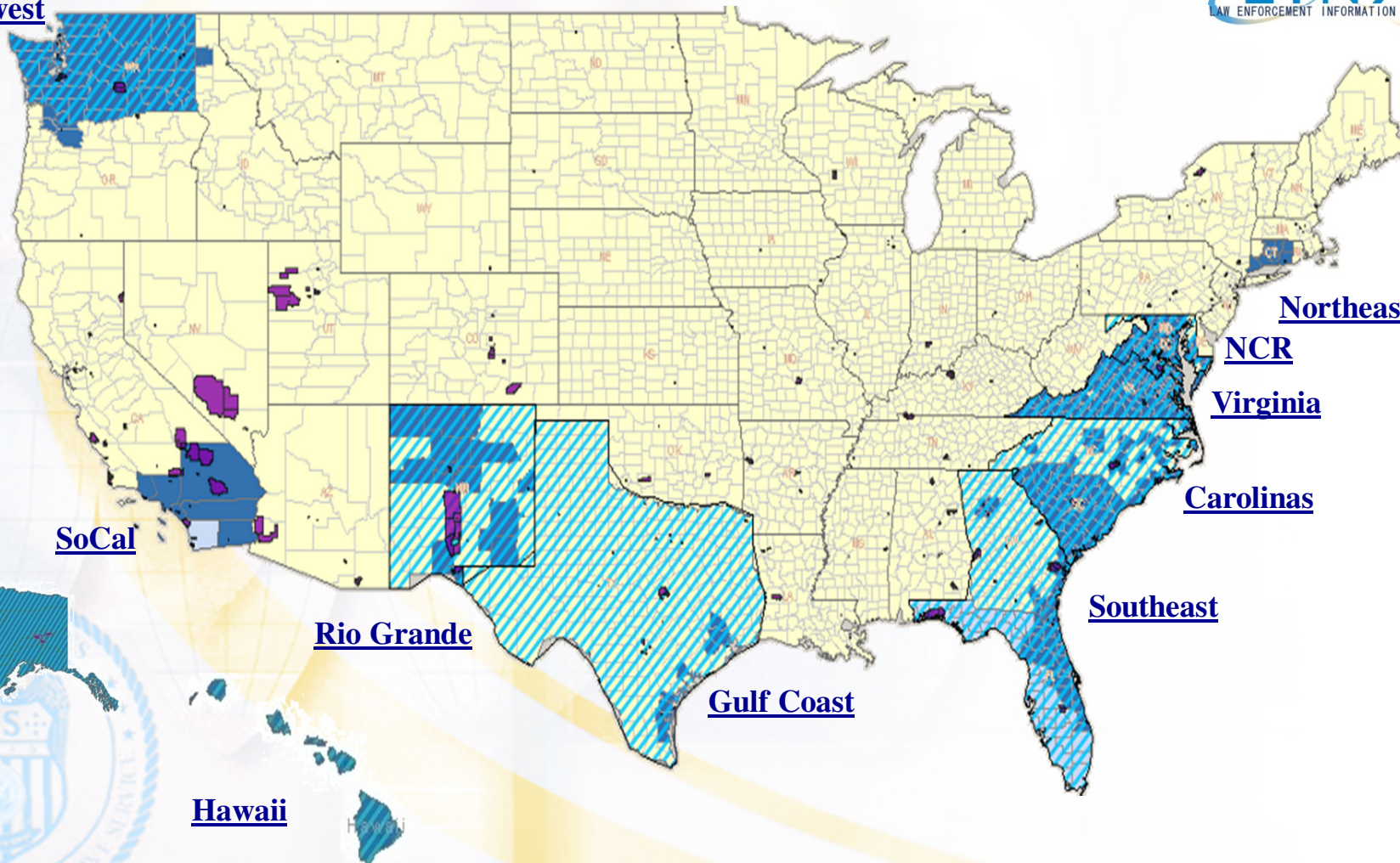


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Regional LInX Systems



Northwest



Northeast

NCR

Virginia

Carolinas

Southeast

Gulf Coast

Rio Grande

SoCal

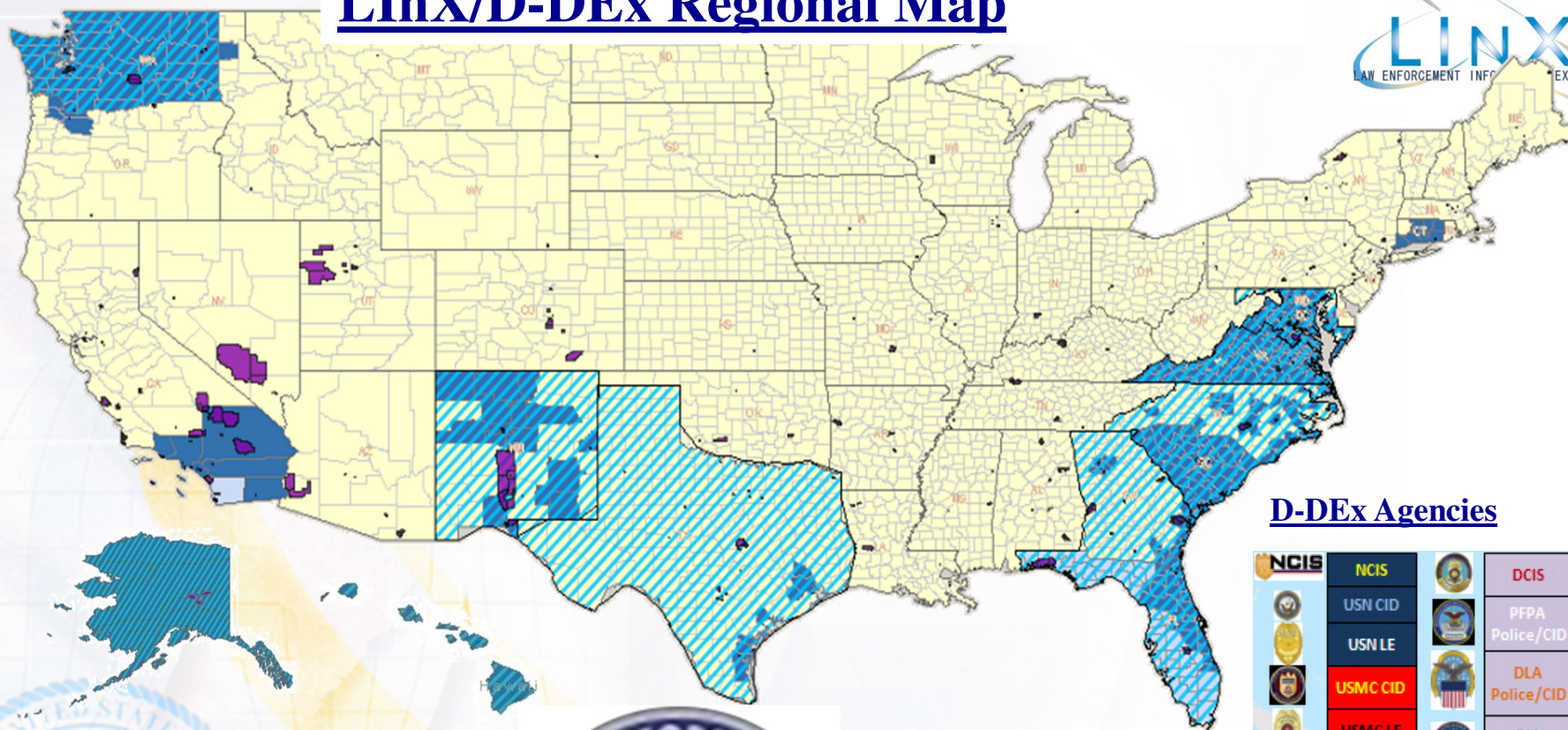
Hawaii





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LInX/D-DEx Regional Map



Legend

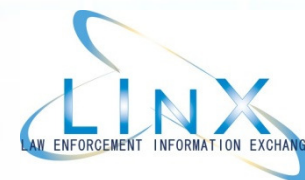
- Local-Level Agency Coverage
- State-Level Agency Coverage
- Military Base Area
- Planned Expansion









D-DEx Agencies

	NCIS		DCIS
	USN CID		PFPA
	USN LE		Police/CID
	USMC CID		DLA
	USMC LE		Police/CID
	AFOSI		DIA
	AF Sec. Forces		Police/CID
	USACID		NSA
	USA LE MPs		Police/CID
			NGA
			Police
			NRO

D-DEx Update



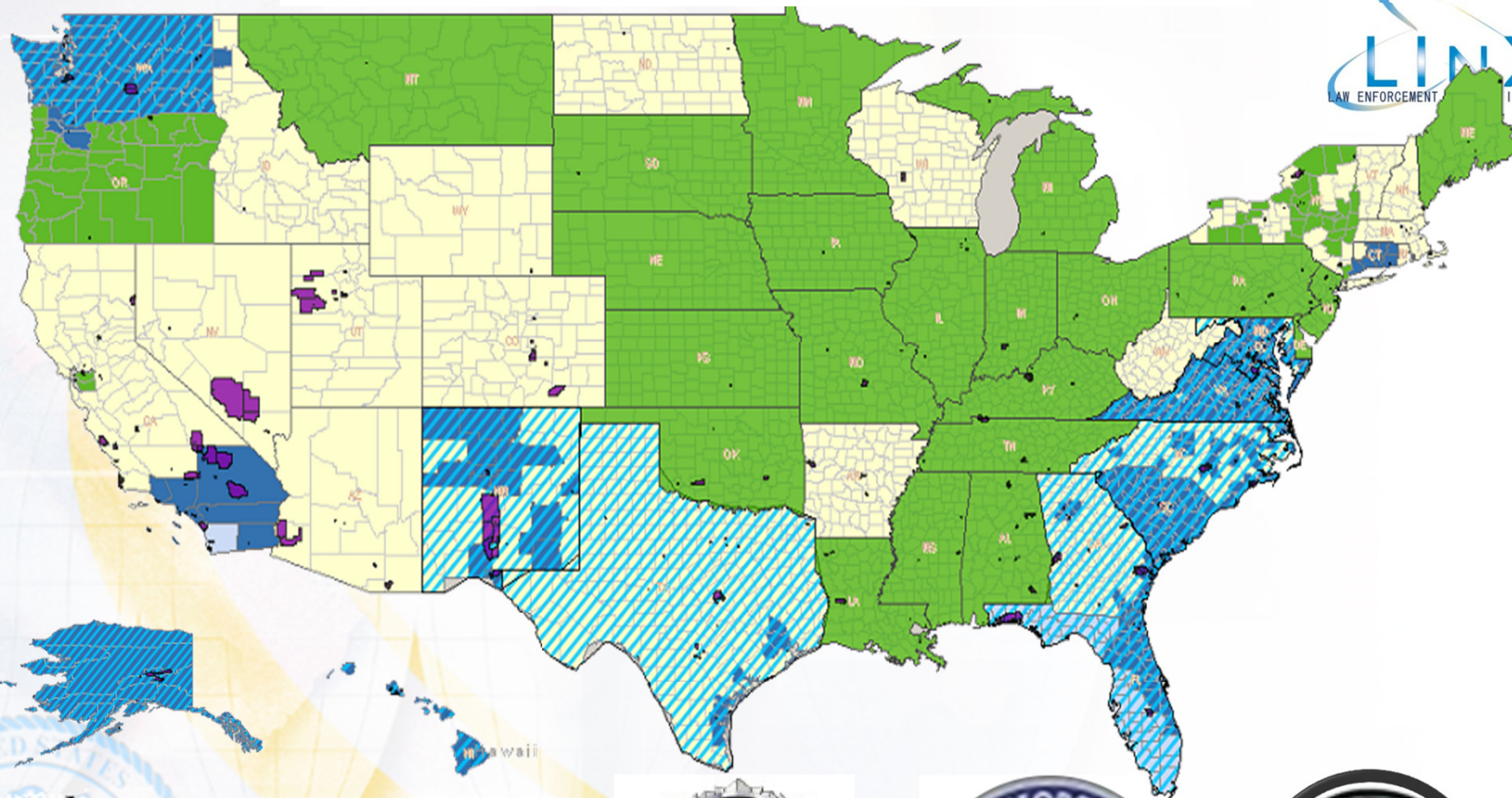
- Navy
 - NCIS, USN LE, USN CID
- Air Force
 - OSI
- United States Marine Corps
 - LE & CID
- Army – CID, Army LE
 - Army LE, USA CID (DoD Only)
- NGA Police
- DIA Police (Via MPDC)
- Coming Soon
 - PFPA/Pentagon Police
 - USAF LE
 - DCIS

	NCIS		DCIS
	USN CID		PFPA Police/CID
	USN LE		DLA Police/CID
	USMC CID		DIA Police/CID
	USMC LE		NSA Police/CID
	AFOSI		NGA Police
	AF Sec. Forces		NRO
	USACID		
	USA LE MP's		



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LInX/D-DEx/N-DEx Composite



Legend

- Local-Level Agency Coverage
- State-Level Agency Coverage
- Military Base Area
- Planned Expansion
- N-DEx Coverage





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LE Data available to NCIS Users



Application Enhancements

➤ Application Enhancement Deployments (Spring 2013)

- Multiple Enhancements to the Mobile Interface based on user feedback
- Ability to Print LInX Regions Maps to PDF
- Ability to view Query return “snippets” upon mouse over

➤ Internal & Customer Research & Development

- Facial Recognition, Bio-Metrics, Mobile AFIS, License Plate Reader, Mobile platforms

Final Thoughts

1. LInX is not a concept or Beta software that needs to be developed, tested and deployed
2. LInX is not a standalone system that will require various interfaces in order to communicate with other systems outside of NC
3. LInX is an incident based, searchable LE data only warehouse
4. LInX currently provides access to over 450 million LE records
5. LInX is a real time crime fighting tool that is solving crimes in NC and across the country right now
6. LInX is a **NO RISK** solution to NC's Statewide LE information sharing needs
7. LInX has been operational for 10 Years without incident
8. LInX currently covers 65% of NC's population at a cost to NC taxpayer's of only \$113,000
9. LInX enjoys the support of Police Chiefs and Sheriffs across NC, including those in the NC State University System, who are waiting in line for funding to become LInX partners



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QUESTIONS ?

